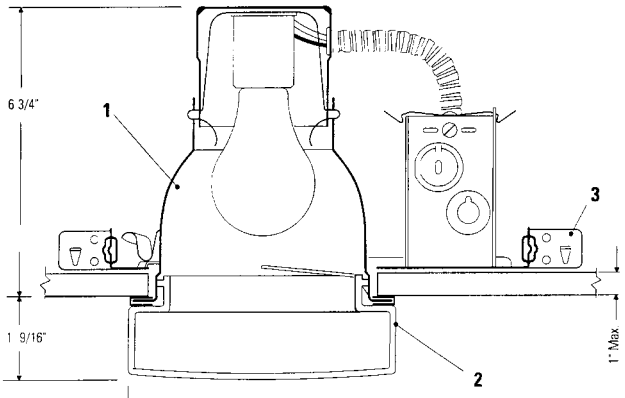
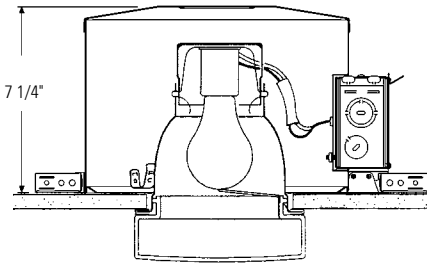
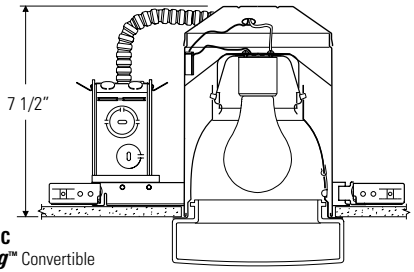


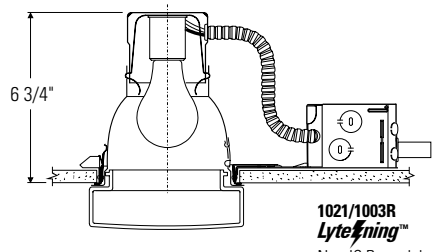
1021/1002P1 Series
Standard Incandescent



1021/1004ICX/N
Lyteening™ AirSeal® Insulated Ceiling



1021/1004IC
Lyteening™ Convertible
Non-IC Only



1021/1003R
Lyteening™
Non-IC Remodeler

Complete Fixture consists of Reflector Trim & Frame-In Kit. Select each separately.

Reflector Trim	Frame-In Kit — See Individual Frame-In Kit Specification Sheets							
	Incandescent				Fluorescent			
	Frame-In Kit	Ceiling Type	Lamping	Height	Frame-In Kit	Ceiling Type	Lamping	Height
1021 Opal	**1000P1** **1002P1** **1003R**	Non-IC Non-IC Non-IC Remodeler	75W A19	6 3/4" 6 3/4"	**1001F13U Series**	Uniframe™ Non-IC	(1) Quad 13W (GX24q-1)	5 7/8"
					1001F18U Series	Uniframe™ Non-IC	(1) Quad 18W (GX24q-2)	5 7/8"
	1000IC **1000AICM** **1004ICX/N**	IC IC AirSeal® IC AirSeal®	40W A19	7 5/16" 7 5/16" 7 1/4"				
	1004IC/N **1004ICR**	Non-IC Non-IC Remodeler	40W A19	7 1/2" 7 1/2"	**1001F13ICU/N**	Performance IC	(1) Quad 13W (GX24q-1) (GX24q-3)	7 1/4"
					1001F18ICU/N	Performance IC	(1) Quad 18W (GX24q-2)	7 1/4"
					1910XFH1	Conversion Kit	(1) Quad 13W (GX23-2)	6 3/4"

Features

1. **Reflector:** Hydroformed aluminum, .040" thick (18 ga.); Anobrite™ (anodic-processed) semi-specular finish for permanent reflectivity.
2. **Diffuser:** Pressed and blown 3-layer cased opal glass; twists tight into reflector trim. Neoprene (captive on flange of reflector) seals unit under pressure of twist lock. Concealed wire-hinge supports glass enclosure for servicing.
3. **Frame-In Kit:** (1002P1 standard frame shown). Other frames listed above and shown on the right. See Frame-In Kit specification sheets for more details.

Options & Accessories

Retaining Clips: 1955 - For installing in existing ceiling.

Labels

UL (Suitable for Wet Locations - covered ceiling, showers, spas), I.B.E.W.

Job Information **Type:**

Job Name:

Cat. No.:

Lamp(s):

Notes:

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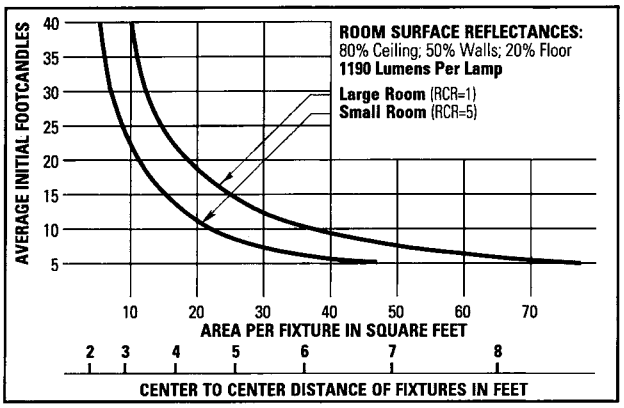
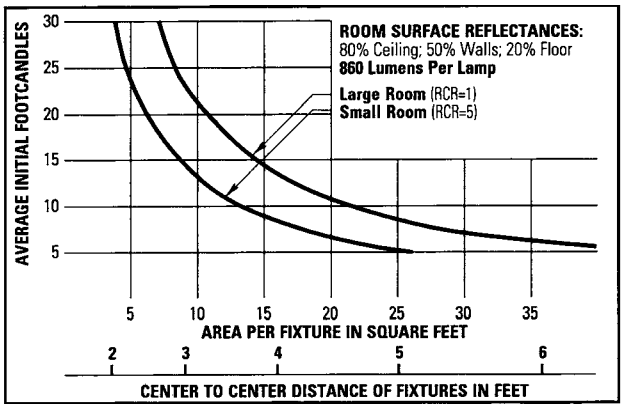


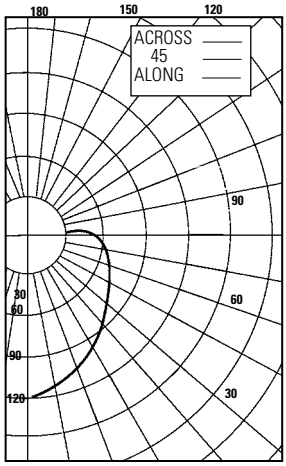
Use quick calculator chart to determine the spacing of 75W A19 units for a desired level of illumination.



Use quick calculator chart to determine the spacing of 1 Lt. 13 Watt Quad Tube for a desired level of illumination.

CERTIFIED TEST REPORT NO. 404184-A
COMPUTED BY ELECTRICAL TESTING LABORATORIES, INC.

RECESSED LYTECASTER DOWNLIGHT
6 1/8" DIA., CASED OPAL GLASS DIFFUSER
ONE 75W A19 LAMP. LUMEN RATING = 1148 LMS.



DATE: MAY 23, 1968
PREPARED FOR:
LIGHTOLIER, SECAUCUS N.J.

CANDLEPOWER SUMMARY

ANGLE	MEAN CP	LUMENS
0 Nad.	90.0	
5°	89.9	9
15°	87.9	39
25°	84.0	39
35°	77.2	48
45°	68.3	53
55°	57.2	51
65°	43.8	43
75°	28.7	30
85°	15.9	17
90° Hor.	12.8	
95°	12.2	13
105°	11.8	12
115°	10.9	11
125°	9.6	9
135°	8.0	6
145°	6.0	4
155°	4.0	2
165°	1.9	1
175°	0.3	0
180° Zen.	0	

ZONAL LUMENS AND PERCENTAGES

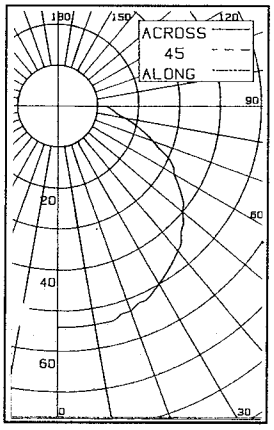
ZONE	LUMENS	% LAMP
0—30	73	6.5
0—40	121	10.5
0—60	225	19.5
0—90	315	27.5
90—180	58	5.0
0—180	373	32.5

** EFFICIENCY = 32.5% **

TESTED ACCORDING TO IES PROCEDURES. TEST DISTANCE EXCEEDS FIVE TIMES THE GREATEST LUMINOUS OPENING OF LUMINAIRE.

CERTIFIED TEST REPORT NO. 1046
COMPUTED BY LSI PROGRAM **TEST-LITE**

RECESSED LYTECASTER DOWNLIGHT
6 1/8" DIA., CASED OPAL GLASS DIFFUSER
ONE 13W DTT QUAD TUBE FLUORESCENT LAMP. LUMEN RATING = 860 LMS.



DATE: APRIL 2, 1987
PREPARED FOR:
LIGHTOLIER, SECAUCUS N.J.

CANDLEPOWER SUMMARY

ANGLE	MEAN CP	LUMENS
0	54	
5	54	5
10	54	
15	54	15
20	53	
25	52	24
30	50	
35	48	30
40	46	
45	43	34
50	40	
55	37	33
60	33	
65	30	29
70	25	
75	21	22
80	17	
85	14	16
90	12	

ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LAMP	% LUMINAIRE
0—30	44	5.14	21.21
0—40	74	8.66	35.76
0—60	141	16.41	67.79
0—90	208	24.21	100.00
40—90	133	15.55	64.24
60—90	67	7.80	32.21
90—180	0	.00	.00
0—180	208	24.21	100.00

** EFFICIENCY = 24.2% **

TESTED ACCORDING TO IES PROCEDURES. TEST DISTANCE EXCEEDS FIVE TIMES THE GREATEST LUMINOUS OPENING OF LUMINAIRE.

COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

ROOM CAVITY RATIO	80			70			50			30			10			0
	% WALL REFLECTANCE															
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
1	.32	.31	.29	.31	.30	.28	.29	.28	.27	.27	.26	.25	.25	.24	.23	.22
2	.28	.26	.24	.27	.25	.23	.25	.23	.22	.23	.22	.21	.21	.20	.19	.18
3	.25	.22	.20	.24	.21	.19	.22	.20	.18	.20	.19	.17	.19	.18	.16	.15
4	.21	.19	.17	.22	.18	.16	.20	.17	.16	.18	.16	.15	.17	.15	.14	.13
5	.19	.16	.14	.19	.16	.14	.17	.15	.13	.16	.14	.13	.15	.13	.12	.11
6	.17	.14	.12	.17	.14	.12	.15	.13	.11	.14	.12	.11	.14	.12	.10	.10
7	.15	.12	.10	.15	.12	.10	.14	.11	.10	.13	.11	.09	.12	.10	.09	.08
8	.14	.11	.09	.13	.11	.09	.13	.10	.09	.12	.10	.08	.11	.09	.08	.07
9	.12	.10	.08	.12	.10	.08	.11	.09	.08	.11	.09	.07	.10	.08	.07	.06
10	.11	.09	.07	.11	.09	.07	.10	.08	.07	.10	.08	.06	.09	.07	.06	.06

20% FLOOR CAVITY REFLECTANCE

COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

ROOM CAVITY RATIO	80			70			50			30			10			0
	% WALL REFLECTANCE															
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
1	.25	.23	.22	.24	.23	.22	.23	.22	.21	.22	.21	.21	.21	.21	.20	.20
2	.21	.20	.18	.21	.19	.18	.20	.19	.17	.19	.18	.17	.18	.17	.17	.16
3	.19	.16	.15	.18	.16	.15	.17	.16	.14	.17	.15	.14	.16	.15	.14	.13
4	.16	.14	.13	.16	.14	.12	.16	.14	.12	.15	.13	.12	.14	.13	.12	.11
5	.15	.12	.11	.14	.12	.11	.14	.12	.10	.13	.12	.10	.13	.11	.10	.10
6	.13	.11	.09	.13	.11	.09	.12	.10	.09	.12	.10	.09	.11	.10	.09	.08
7	.12	.09	.08	.11	.09	.08	.11	.09	.08	.11	.09	.08	.10	.09	.08	.07
8	.10	.08	.07	.10	.08	.07	.10	.08	.07	.10	.08	.07	.09	.08	.07	.06
9	.10	.07	.06	.09	.07	.06	.09	.07	.06	.09	.07	.06	.09	.07	.06	.05
10	.09	.07	.05	.08	.07	.05	.08	.06	.05	.08	.06	.05	.08	.06	.05	.05

20% FLOOR CAVITY REFLECTANCE

To convert lighting data for a lower wattage incandescent lamp of the **same type**, multiply the footcandle (or candlepower) values by the ratio of the lumens of the two lamps. The coefficients of utilization remain the same.

Job Information **Type:**

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